VS-PC-2XPOF-980-SCRJ/SCRJ-2 - FO connecting cable

1645741

https://www.phoenixcontact.com/in/products/1645741

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Assembled FO cable, breakout cable, 980/1000 µm polymer fiber, SC-RJ/IP20 to SC-RJ/IP20, for installation inside control cabinets, the cable is suitable for UV-protected outdoor use, length: 2 m

Your advantages

- Reliable data transmission, thanks to high quality
- Fast data transmission for demanding applications
- Particularly suitable in EMC-sensitive applications
- Space savings in the control cabinet, thanks to SC-RJ connectors
- Preassembled patch cable for easy use

Commercial data

Item number	1645741
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	ABN
Product key	ABNIBA
Catalog page	Page 214 (PC-2009)
GTIN	4046356028653
Weight per piece (including packing)	47.9 g
Weight per piece (excluding packing)	47.9 g
Customs tariff number	85447000
Country of origin	CZ

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Technical data

Product properties

Product type	Data cable preassembled
Sensor type	Ethernet
Number of positions	2
Connection profile	SCRJ in accordance with DIN EN 50377-6-1
Number of slots	2

Electrical properties

Attenuation	< 1.9 dB (with 660 nm)
Transmission medium	FO

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 1000

Material specifications

Housing material	PBT
Contact material	Phosphor bronze
Outer sheath, material	PE

Connection data

Connection technology

Connection method	POF SC-RJ

Conductor connection

Connection method	POF SC-RJ

Connector

Connection 1

Type	Plug straight SC-RJ
Degree of protection	IP20

Connection 2

Type	Plug straight SC-RJ
Degree of protection	IP20

Cable/line

Cable length	2.00 m
Cable type	Polymer fiber (980 / 1000 µm)
Cable type	Break-out cable
Outer sheath, material	PE

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External sheath, color	black
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	30 mm
Ambient temperature (operation)	-20 °C ... 70 °C
	-20 °C ... 60 °C

FO cable

Number of fibers	2
Fiber	Polymer fiber, 980/1000 µm
Fiber type	POF fiber A4A
Transmission medium	Multi-mode fiberglass

Environmental and real-life conditions

Ambient conditions

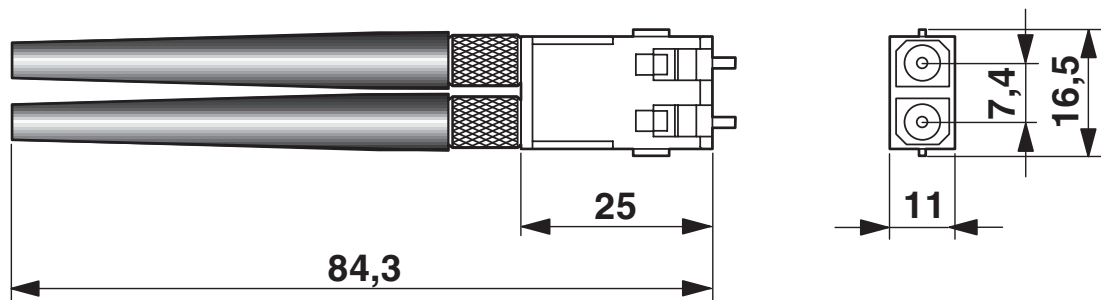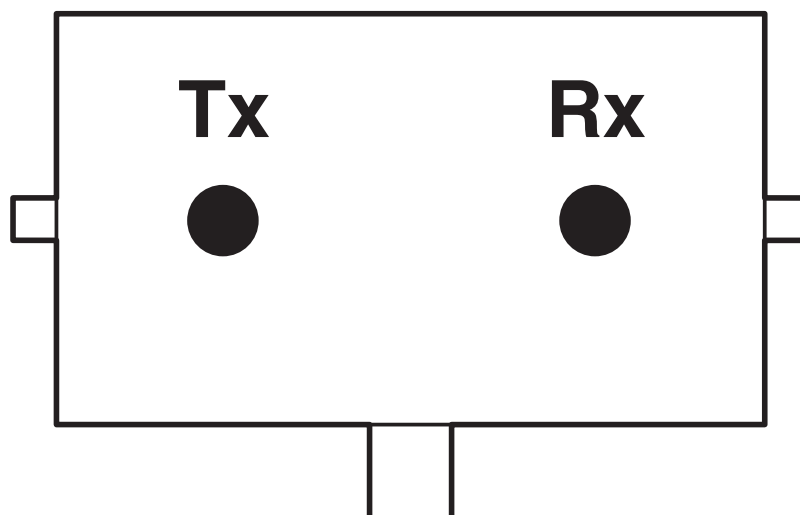|	
Degree of protection	IP20
	IP20
Ambient temperature (operation)	-20 °C ... 70 °C
	-20 °C ... 60 °C
	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C

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Drawings

Dimensional drawing

84,3

25

7,4

16,5

11

SC-RJ connector, POD, IP20

Schematic diagram

Tx   Rx

Pin assignment plug SCRJ

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Classifications

ECLASS

ECLASS-11.0	27061003
ECLASS-12.0	27061003
ECLASS-13.0	27061003

ETIM

ETIM 9.0	EC002607

UNSPSC

UNSPSC 21.0	26121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	4de37a2d-f256-4f17-8141-27a05fccece3

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Accessories

VS-SCRJ-GOF-BU/BU - SC-RJ female insert

1652978

https://www.phoenixcontact.com/in/products/1652978

SC-RJ socket insert, duplex, for VS-A-F-IP67 panel mounting frame, can be used for fiberglass (multi-mode and single mode), PCF, and polymer fibers

VS-PPC-F1-SCRJ-MNNA-1C-F - Panel-mount frame

1405235

https://www.phoenixcontact.com/in/products/1405235

Push-pull panel mounting frame, IP67, metal, with Freenet system, for round mounting cutout, with seal and SC-RJ coupling (for POF, PCF, and GOF)

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FOC-V14-F1ZNI-EM/SJB - Panel-mount frame

1413964

https://www.phoenixcontact.com/in/products/1413964

SC-RJ panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. SC-RJ coupling

VS-A-F-IP67-BK - Panel-mount frame

1658668

https://www.phoenixcontact.com/in/products/1658668

Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: black

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VS-PP-F-SCRJ - DIN rail adapter

1658121

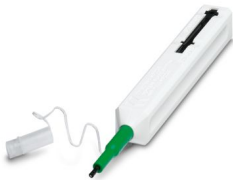https://www.phoenixcontact.com/in/products/1658121

Patch panel, SC-RJ, DIN rail mounting, IP20, 1 slot, socket/socket, can be used for glass, multi-mode, PCF, and polymer fibers

FOC-TOOL-FERRULECLEANER-2.50 - FO accessories

1407029

https://www.phoenixcontact.com/in/products/1407029

2.50 mm ferrule cleaner, for ST, SC, FC, E2000 (also APC), approx. 500 cleaning cycles